

REMARKS

Applicant thanks the Examiner for the very thorough consideration given the present application.

Claims 1-8 are now present in this application. Claim 1 is independent.

Amendments have been made to the Specification, and claims 1 and 2 have been amended. Reconsideration of this application, as amended, is respectfully requested.

Priority Under 35 U.S.C. § 119

Applicant thanks the Examiner for acknowledging Applicant's claim for foreign priority under 35 U.S.C. § 119, and receipt of the certified priority document.

Objection to the Drawings

The Examiner has objected to the drawings asserting that they fail to show stopper pins in drawings 6-9 and especially Fig. 10A -10C as described in the specification. The Examiner further asserts that in Fig. 5 the stopper pins are inside of the groove, which is not covered by the substrate while in Fig. 10A-10C the groove is covered by the substrate. The Examiner further asserts

that in Fig. 5 and Fig. 6 all parts are not labeled, specially the edge of slide 42. The Applicant respectfully traverses.

Figures 6-9 show a view taken along line B-B' in Fig. 5. The line does not cut through the stopper pins 40, and therefore they are not shown in Figures 6-9. Figures 6-9 properly shows all of the features of line B-B'. Similarly, Figs. 10A-10C represent the same view (line B-B'), and therefore it is not expected that they would include features which are not in the view.

Figures 10A-10C have been amended to properly show that the groove 45 is not covered by the substrate 34.

Figure 5 has been amended to label slide part 42, which coincides with slide part 42 shown in Fig. 6 (taken along line B-B' in Fig. 5). The edge of the slide part 42 is also clearly shown in Fig. 5 (see arrows and 10mm label).

In addition to the statements provided in seasonable traverse above, Applicant is concurrently submitting Proposed Drawing Corrections for the Examiner's approval, which address each of the changes made to address the deficiencies pointed out by the Examiner. Accordingly, reconsideration and withdrawal of this objection are respectfully requested.

Specification Objection

The Examiner has objected to the specification because of several informalities. In order to overcome this objection, Applicants have amended the

specification in order to correct the deficiencies pointed out by the Examiner. Reconsideration and withdrawal of this objection are respectfully requested.

Rejection Under 35 U.S.C. § 112, 1st Paragraph

Claims 1-8 stand rejected under 35 U.S.C. § 112, 1st Paragraph. This rejection is respectfully traversed.

The Examiner states that (1) “applying heat to a glass substrate for generating plasma” is not described in the specification in an enabling way and (2) stopper pin facilitating the stable transfer has not been described in the specification.

In order to overcome this rejection, Applicant has amended claim 1 to recite “a susceptor for heating a glass substrate, the susceptor being used for generating plasma” and “a stopper pin for indicating an end of the susceptor”. Support for this amendment can be seen in paragraph [0014] of the original specification and Fig. 5.

Applicant respectfully submits that the claims, as amended, are fully supported by and adequately described in the written description of the invention. Accordingly, reconsideration and withdrawal of this rejection are respectfully requested.

Rejection Under 35 U.S.C. § 112, 2nd Paragraph

Claims 2 and 3 stand rejected under 35 U.S.C. § 112, 2nd Paragraph.
This rejection is respectfully traversed.

The Examiner has set forth certain instances wherein the claim language is not clearly understood.

In order to overcome this rejection, Applicants have amended claim 2 to correct each of the deficiencies specifically pointed out by the Examiner. Applicant respectfully submits that claim 2, as amended, particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Accordingly, reconsideration and withdrawal of this rejection are respectfully requested.

Rejection Under 35 U.S.C. § 102

Claims 1 and 5-6 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Tepman et al. (Tepman). This rejection is respectfully traversed.

A complete discussion of the Examiner's rejection is set forth in the Office Action, and is not being repeated here.

While not conceding the appropriateness of the Examiner's rejection, but merely to advance prosecution of the instant application, Applicant respectfully submits that independent claim 1 has been amended to recite a combination of

elements in a vacuum deposition apparatus, including a groove formed in a slide part of the susceptor and into which a film-forming material is generated by friction between the substrate and the susceptor when the substrate is inclined for placing the substrate on the susceptor. Applicant respectfully submits that this combination of elements as set forth in independent claim 1 is not disclosed or made obvious by the prior art of record, including Tepman.

Tepman discloses a groove formed in a substrate support such as a susceptor along an edge of a substrate. However, in Tepman, during deposition, an excess deposition material is used, and the remaining deposition material is accumulated in the groove.

This is in sharp contrast to the Applicant's claimed invention, wherein a groove is formed to collect a film forming material resulting from a friction difference between the glass substrate and the slide part of the susceptor by an inclination of the substrate.

Particularly, Tepman fails to teach a combination of elements in a vacuum deposition apparatus, including a groove formed in a slide part of the susceptor and into which a film-forming material is generated by friction between the substrate and the susceptor when the substrate is inclined for placing the substrate on the susceptor, as recited in independent claim 1, as amended. Reconsideration and withdrawal of this rejection are respectfully requested.

With regard to dependent claims 5 and 6, Applicant submits that claims 5 and 6 depend, either directly or indirectly, from independent claim 1, which is allowable for the reasons set forth above, and therefore claims 5 and 6 are allowable based on their dependence from claim 1. Reconsideration and allowance thereof are respectfully requested.

Rejections under 35 U.S.C. § 103

Claims 5-8 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Tepman and claim 4 stands rejected over Tepman in view of Rempei Nakata. These rejections are respectfully traversed.

Complete discussions of the Examiner's rejections are set forth in the Office Action, and are not being repeated here.

With regard to dependent claims 4 and 5-8, Applicant submits that claims 4 and 5-8 depend, either directly or indirectly, from independent claim 1, which is allowable for the reasons set forth above, and therefore claims 4 and 5-8 are allowable based on their dependence from claim 1. Reconsideration and allowance thereof are respectfully requested.

Additional Cited References

Since the remaining references cited by the Examiner have not been utilized to reject the claims, but have merely been cited to show the state of the art, no comment need be made with respect thereto.

Conclusion

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone Percy L. Square, Registration No. 51,084, at (703) 205-8034, in the Washington, D.C. area.

Prompt and favorable consideration of this Amendment is respectfully requested.

Applicant respectfully petitions under the provisions of 37 C.F.R. § 1.136(a) and § 1.17 for a three-month extension of time in which to respond to

Application No.: 10/029,035
Art Unit 1763

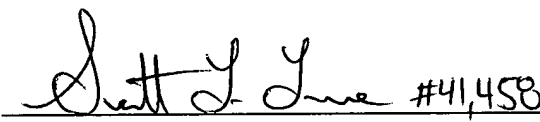
Attorney Docket No. 2658-0280P
Amendment filed March 1, 2004
Page 14 of 14

the Examiner's Office Action. The Extension of Time Fee in the amount of \$950.00 is attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By:  #41,458

James T. Eller, Jr.
Reg. No.: 39,538


JTE:PLS:jls

P.O. Box 747
Falls Church, Virginia 22040-0747
Telephone: (703)205-8000

Attachment: Replacement Drawing Sheets
Annotated Drawing Sheets